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(75) Abstruct: The present invention provides a nutritional composition effective in facilitating bone healing in human, comprising lysine, proline, ascorbic acid, copper, vitamin B<sub>4</sub>. The nutritional composition contains 27-34 % vtl lysine, la-16% wt proline, and 42-47% wt ascorbic acid. The nutritional composition further comprises vitamin A, vitamin B<sub>4</sub>, vitamin B<sub>4</sub>, vitamin B<sub>5</sub>, anach, calcium, phosphorus, magnesium, zinc, selenium, manganese, chromium, 42-47% wt ascorbic acid. The nutritional composition further comprises vitamin A, vitamin D<sub>3</sub>, vitamin E, vitamin B<sub>1</sub>, vitamin B<sub>2</sub>, niacin, folic acid, vitamin B<sub>12</sub>, biotin, pantothenic acid, calcium, phosphorus, magnesium, zinc, selenium, manganese, chromium, molybdenum, potassium, citrus fruit peel bioflavanoids, arginine, cysteine, inositol, carnitine, coenzyme Q10, and pycnogenol. The present invention also relates to uses of the nutritional composition in human for facilitating bone healing.

